

CLAIMS

I hereby claim:

1. A barn window comprising:

- a) an outer frame having an upper end, a lower end and a pair of opposed sides extending between the upper end and the lower end;
- b) a middle frame positioned within the outer frame, the middle frame having an upward end, a downward end and a pair of supports extending between the upward end and the downward end;
- c) an inner frame positioned within the middle frame, the inner frame having a top end, a bottom end, and a pair of opposed edges extending between the top end and bottom end;
- d) a first pivoting mechanism secured between the middle frame and the outer frame, the first mechanism operable to pivot the middle frame and the inner frame with respect to the outer frame in a first direct direction; and
- e) a second pivoting mechanism secured between the inner frame and the middle frame, the second mechanism operable to pivot and slide the inner frame with respect to the middle frame in a second direction that is generally perpendicular to the first direction.

2. The window of claim 1 wherein the second pivoting mechanism comprises:

- a) a first guide member secured to the middle frame;
- b) a first brace pivotally connected to one end of the first guide member and to the inner frame; and
- c) a first slide pivotally connected to the inner frame and slidably retained within the first guide member.

3. The window of claim 2 wherein the second pivoting mechanism further comprises:

- a) a second guide member disposed on the middle frame opposite the first guide member;
- b) a second brace pivotally connected to the second guide member and to the inner frame; and

- c) a second slide pivotally connected to the inner frame and slidably retained within the second guide member.
- 4. The window of claim 2 wherein the first guide member comprises:
 - a) a securing plate positioned against the middle frame; and
 - b) a rail member extending outwardly from one side of the securing plate to define a channel between the securing plate and the rail member in which the first
- 5 slide is received.
- 5. The window of claim 2 wherein the first guide member includes a pivot pin located adjacent one end of the first guide member that is releasably engageable with the first brace.
- 6. The window of claim 5 wherein the first brace is rotatable with respect to the first guide member.
- 7. The window of claim 6 wherein the first brace has a keyhole slot releasably engageable with the pivot pin.
- 8. The window of claim 7 wherein the pivot pin is rotatable with respect to the first guide member.
- 9. The window of claim 2 wherein the first slide includes a base portion retained in the first guide member and a holding portion extending outwardly from the base portion.
- 10. The window of claim 9 wherein the holding portion includes an opening that rotatably receives a pivot shaft extending between the holding portion and the inner frame.
- 11. A barn window comprising:
 - a) an outer frame adapted to be secured within a building opening;
 - b) a middle frame positioned within the outer frame;
 - c) an inner frame positioned within the middle frame;
 - 5 d) a first pivoting mechanism secured between one of the outer frame and the middle frame, or the middle frame and the inner frame, the first mechanism operable to pivot the middle frame or the inner frame in a first direction; and

10 e) a second pivoting mechanism secured between the other of the outer frame and the middle frame, or the middle frame and the inner frame, the second mechanism operable to pivot and slide the middle frame or the inner frame in a second direction generally perpendicular to the first direction.

12. The window of claim 11 wherein the second mechanism is connected between the middle frame and the inner frame.

13. The window of claim 12 wherein the second mechanism comprises:

- a) at least one guide member secured to the middle frame;
- b) at least one brace pivotally attached to the at least one guide member and to the inner frame; and
- 5 c) at least one slide pivotally connected to the inner frame at a location spaced from the at least one brace and slidably retained in the at least one guide member.

14. The window of claim 13 wherein the at least one brace is secured opposite the at least one guide member to at least one attachment plate positioned on the inner frame.

15. The window of claim 14 wherein the at least one brace includes a pivot pin rotatably engaged with the at least one brace.

16. The window of claim 13 wherein the at least one slide is retained within a channel defined by the at least one guide member.

17. The window of claim 16 wherein the at least one slide is formed of a low-friction material.

18. The window of claim 16 wherein the at least one brace is engaged within the channel of the at least one guide member when the inner frame is in a closed position with regard to the middle frame.

19. A window comprising:

- a) an outer frame including a number of spaced bars adapted to be secured within an opening in a building;

b) a middle frame positioned within the outer frame and including a number of first annular shoulders;

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c) an inner frame positioned within the middle frame and including a glass pane and a number of second annular shoulders engageable with the first shoulders;

d) a first pivoting mechanism secured between one of the outer frame and the middle frame, or the middle frame and the inner frame, the first mechanism operable to pivot the middle frame or the inner frame in a first direction; and

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e) a second pivoting mechanism secured between the other of the outer frame and the middle frame, or the middle frame, and the inner frame, the second mechanism operable to pivot and slide the middle frame or the inner frame a second direction generally perpendicular to the first direction.

20. The window of claim 19 further comprising at least one locking mechanism secured between one of the outer frame and the middle frame, or the middle frame and the inner frame.